

MONTHLY eSMR SUMMARY

Expected Requirements:

M-001:

Chlorine, Total Residual	1 / Day	mg/L
Flow	1 / Day	MGD
pH	1 / Day	SU
Settleable Solids	1 / Day	ml/L
Temperature	1 / Day	Degrees F
Total Coliform	1 / Day	MPN/100 mL
Total Suspended Solids (TSS)	1 / Day	mg/L
Total Suspended Solids (TSS)	1 / Day	lb/day
Turbidity	1 / Day	NTU
Biochemical Oxygen Demand (BOD) (5-day @ 20 Deg. C)	1 / Week	mg/L
Biochemical Oxygen Demand (BOD) (5-day @ 20 Deg. C)	1 / Week	lb/day
E.coli	1 / Week	MPN/100 mL
1,4-Dichlorobenzene	1 / Month	ug/L
1,4-Dichlorobenzene	1 / Month	lb/day
Acrylonitrile	1 / Month	ug/L
Ammonia, Total (as N)	1 / Month	mg/L
Ammonia, Total (as N)	1 / Month	lb/day
Antimony, Total Recoverable	1 / Month	ug/L
Arsenic, Total Recoverable	1 / Month	ug/L
Barium, Total Recoverable	1 / Month	ug/L
Benzo(k)fluoranthene	1 / Month	ug/L
Bis (2-Ethylhexyl) Phthalate	1 / Month	ug/L
BOD5 @ 20 Deg. C, Percent Removal	1 / Month	%
Boron, Total Recoverable	1 / Month	mg/L
Boron, Total Recoverable	1 / Month	lb/day
Cadmium, Total Recoverable	1 / Month	ug/L
Cadmium, Total Recoverable	1 / Month	lb/day
Chloride	1 / Month	mg/L
Chloride	1 / Month	lb/day
Chromium (III)	1 / Month	ug/L
Chromium (VI)	1 / Month	ug/L
Chronic Toxicity	1 / Month	TUc
Cobalt Thiocyanate Active Substances (CTAS)	1 / Month	mg/L
Copper, Total Recoverable	1 / Month	ug/L
Cyanide, Total (as CN)	1 / Month	ug/L
Dissolved Oxygen	1 / Month	mg/L
Fluoride, Total	1 / Month	mg/L
Fluoride, Total	1 / Month	lb/day
gamma-BHC	1 / Month	ug/L
Hardness, Total (as CaCO3)	1 / Month	mg/L
Iron, Total Recoverable	1 / Month	ug/L
Lead, Total Recoverable	1 / Month	ug/L

Mercury, Total Recoverable	1 / Month	ug/L
Methylene Blue Active Substances (MBAS)	1 / Month	mg/L
Methylene Blue Active Substances (MBAS)	1 / Month	lb/day
Nickel, Total Recoverable	1 / Month	ug/L
Nitrate, Total (as N)	1 / Month	mg/L
Nitrite Plus Nitrate (as N)	1 / Month	mg/L
Nitrite Plus Nitrate (as N)	1 / Month	lb/day
Nitrite, Total (as N)	1 / Month	mg/L
Nitrite, Total (as N)	1 / Month	lb/day
Nitrogen, Total (as N)	1 / Month	mg/L
Nitrogen, Total Organic (as N)	1 / Month	mg/L
N-Nitrosodimethylamine	1 / Month	ug/L
N-Nitrosodimethylamine	1 / Month	lb/day
Oil and Grease	1 / Month	mg/L
Oil and Grease	1 / Month	lb/day
Selenium, Total Recoverable	1 / Month	ug/L
Silver, Total Recoverable	1 / Month	ug/L
Sulfate, Total (as SO4)	1 / Month	mg/L
Sulfate, Total (as SO4)	1 / Month	lb/day
Tetrachloroethylene	1 / Month	ug/L
Tetrachloroethylene	1 / Month	lb/day
Total Dissolved Solids (TDS)	1 / Month	mg/L
Total Dissolved Solids (TDS)	1 / Month	lb/day
Total Suspended Solids (TSS), Percent Removal	1 / Month	%
Zinc, Total Recoverable	1 / Month	ng/L

M-INF:

Flow	1 / Day	MGD
Biochemical Oxygen Demand (BOD) (5-day @ 20 Deg. C)	1 / Week	mg/L
pH	1 / Week	SU
Total Suspended Solids (TSS)	1 / Week	mg/L

R-001A, R-001C, R-001D:

Chlorine, Total Residual	1 / Week	mg/L
1,4-Dichlorobenzene	1 / Month	ug/L
Acrylonitrile	1 / Month	ug/L
Ammonia, Total (as N)	1 / Month	mg/L
Antimony, Total Recoverable	1 / Month	ug/L
Arsenic, Total Recoverable	1 / Month	ug/L
Barium, Total Recoverable	1 / Month	ug/L
Biochemical Oxygen Demand (BOD) (5-day @ 20 Deg. C)	1 / Month	mg/L
Bis (2-Ethylhexyl) Phthalate	1 / Month	ug/L
Boron, Total Recoverable	1 / Month	mg/L
Cadmium, Total Recoverable	1 / Month	ug/L
Chemical Oxygen Demand (COD)	1 / Month	mg/L
Chloride	1 / Month	mg/L
Chlorophyll a	1 / Month	mg/L
Chromium (III)	1 / Month	ug/L

Chromium (VI)	1 / Month	ug/L
Cobalt Thiocyanate Active Substances (CTAS)	1 / Month	mg/L
Copper, Total Recoverable	1 / Month	ug/L
Cyanide, Total (as CN)	1 / Month	ug/L
Dissolved Oxygen	1 / Month	mg/L
E.coli	1 / Month	MPN/100 mL
Electrical Conductivity @ 25 Deg. C	1 / Month	umhos/cm
Fecal Coliform	1 / Month	CFU/100 mL
Flow	1 / Month	cfs
Fluoride, Total	1 / Month	mg/L
gamma-BHC	1 / Month	ug/L
Hardness, Total (as CaCO3)	1 / Month	mg/L
Lead, Total Recoverable	1 / Month	ug/L
Mercury, Total Recoverable	1 / Month	ug/L
Methylene Blue Active Substances (MBAS)	1 / Month	mg/L
Nickel, Total Recoverable	1 / Month	ug/L
Nitrate, Total (as N)	1 / Month	mg/L
Nitrite, Total (as N)	1 / Month	mg/L
Nitrogen, Total (as N)	1 / Month	mg/L
Nitrogen, Total Organic (as N)	1 / Month	mg/L
N-Nitrosodimethylamine	1 / Month	ug/L
Oil and Grease	1 / Month	mg/L
Orthophosphate, Total (as P)	1 / Month	mg/L
pH	1 / Month	SU
Phosphorus, Total (as P)	1 / Month	mg/L
Selenium, Total Recoverable	1 / Month	ug/L
Settleable Solids	1 / Month	ml/L
Silver, Total Recoverable	1 / Month	ug/L
Sulfate, Total (as SO4)	1 / Month	mg/L
Temperature	1 / Month	Degrees F
Tetrachloroethylene	1 / Month	ug/L
Total Coliform	1 / Month	CFU/100 mL
Total Dissolved Solids (TDS)	1 / Month	mg/L
Total Suspended Solids (TSS)	1 / Month	mg/L
Turbidity	1 / Month	NTU
Zinc, Total Recoverable	1 / Month	ug/L

Using Narratives Tab:

M-001:

Turbidity: The turbidity of the wastewater shall not exceed a daily average of 2 NTU. (Final requirement effective null - null)[All year]

Turbidity: The turbidity of the wastewater shall not exceed 5 NTUs more than 5 percent of the time (72 minutes) during any 24-hour period. (Final requirement effective null - null)[All year]

Chlorine, Total Residual: The effluent shall not exceed a level of 0.01 mg/L with the following exceptions: excursions up to 0.3 are not violations if they do not exceed 15

minutes during any calendar day, peaks exceeding 0.3 lasting less than one minute shall not be considered violations, or if it can be demonstrated that an appropriate level of dechlorination chemical has been added, exceedances more than one minute but no more than 5 minutes will not be considered violations. (Final requirement effective null - null)[All year]

Total Coliform: The median number of coliform organisms at some point in the treatment process shall not exceed 2.2 per 100 milliliters. (Final requirement effective null - null)[All year]

Total Coliform: The number of coliform organisms shall not exceed 23 per 100 milliliters in more than one sample within any 30-day period. (Final requirement effective null - null)[All year]

Ammonia Nitrogen, Total (as N): For the daily maximum concentration limit, the Discharger must comply with the updated ammonia water quality objectives in the Basin Plan, Table 3-1 (Attachment H to Order No. R4-2004-0099). (Final requirement effective null - null)[All year]

Ammonia, Total (as N): For the monthly average concentration limit, the Discharger must comply with the updated ammonia water quality objectives in the Basin Plan, Table 3-3 (Attachment H to Order No. R4-2004-0099). (Final requirement through the Reg Meas Period) [All year]

Ammonia Nitrogen, Total (as N): The discharger must comply with the average monthly mass emission rates, based on the plant design flow rate of 15 MGD and calculated as specified in Section I.A.2 of Order No. R4-2004-0099. (Final requirement effective null - null)[All year]

Ammonia Nitrogen, Total (as N): The discharger must comply with the maximum daily mass emission rates, based on the plant design flow rate of 15 MGD and calculated as specified in Section I.A.2 of Order No. R4-2004-0099. (Final requirement effective null - null)[All year]

Fecal Coliform: Fecal coliform testing shall be conducted if total coliform test result is positive. (Final requirement effective null - null)[All year]

Chronic Toxicity: If the chronic toxicity in the effluent exceeds a monthly median of 1.0 TUc, then the Discharger shall begin to conduct six additional tests, approximately every 7 days, over a six week period. (Final requirement effective null - null)[All year]

Using Pre-Calculated Tab:

N/A